

04/22/99
JC135 US. PTO

Docket No. 2616 US/RTP/LE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

04/22/99
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Box Patent Application
Assistant Commissioner for Patents
Washington, D.C. 20231

Re: Inventor(s): Guangcui Xing, Gary E. Miner, David R. Lopes, Sita R. Kaluri, Richard N. Tauber
Title: APPARATUS AND METHOD FOR EXPOSING A SUBSTRATE TO PLASMA RADICALS

Transmitted herewith is the patent application identified above, including:

Specification, claims and abstract, totaling 41 pages.
 Formal Drawings totaling 9 pages.
 Executed Declaration and Power of Attorney.
 Assignment of the invention to Applied Materials, Inc.
 Assignment Recordation Cover Sheet

FEE CALCULATION					
Fee Items	Claims Filed	Included With Basic Fee	Extra Claims	Fee Rate	Total
Total Claims	20	- 20 =	0	X \$18.00	0
Independent Claims	7	- 3 =	4	X \$78.00	\$312.00
Basic Filing Fee				\$760.00	\$760.00
TOTAL FEES					\$1,072.00

The Commissioner is hereby authorized to charge \$1,072.00 to Deposit Account No. 01-1651.
 The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 01-1651. A duplicate copy of this transmittal is enclosed.
 Please address all future correspondence to:

PATENT COUNSEL
APPLIED MATERIALS, INC.
Legal Affairs Department
P.O.BOX 450A
Santa Clara, CA. 95052

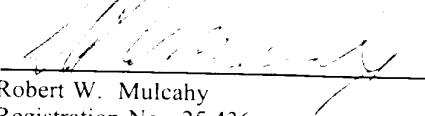
I hereby certify that this correspondence is being deposited with the United States Postal Service as express mail in an envelope addressed to: Box Patent Application, Assistant Commissioner for Patents, Washington, D.C. 20231.

Express Mail Receipt No. EM560888556US

Date of Deposit 4/22/99

Signature Robert W. Mulcahy

Respectfully submitted,


Robert W. Mulcahy
Registration No. 25,436